

RD&E BUDGET ALLOCATION FOR CY 2024		
R&D OVERHEAD	Allocation	Percentage
Distribution:		
VPRDE Overhead Cost	518,189.64	5.57
RDO Overhead Cost	647,573.13	6.96
USMARD Overhead Cost	612,849.16	6.58
Publication Overhead Cost	392,567.91	4.22
Sub-total	2,171,179.84	23.33
RD&E PROJECTS		
Distribution:		
Research and Development Projects	1,826,974.58	19.63
USMARC Projects	911,758.37	9.80
Extension Projects	314,054.33	3.37
Philippine Industrial Crop Reseach Institute (PICRI)	530,280.73	5.70
Gender and Development Projects (5% of RDE GAA)	465,350.00	5.00
Sub-total	4,048,418.02	43.50
SUPPORT TO RD&E		
VPRE Support		
Counterpart to SO XAARRDEC	251,243.46	2.70
R&D Display Center	117,770.37	1.27
USM Wildlife Rescue Center	133,473.09	1.43
RDE Personnel Dev't Assistance	117,770.37	1.27
Agency Inhouse Review (RDO)	706,622.24	7.59
Publication Incentive (RPSO)	471,081.49	5.06
USMARD Support	1,289,441.12	13.85
Sub-total	3,087,402.14	33.17
Grand Total	9,307,000.00	100.00

Report of Budget Obligations & Balances
 MAINTENANCE AND OTHER OPERATING EXPENSES
Research Services Program
 As of June 7, 2022
 Fund 101

June 8, 2022

PROGRAM/ACTIVITY/PROJECT		RESEARCHERS	ALLOTMENT	OBLIGATIONS	BALANCES
Distribution:					
USMARC Overhead Cost			830,564.52	189,588.00	640,976.52
VPRDE Overhead Cost			793,253.16	176,840.22	616,412.94
RDO Overhead Cost			877,791.21	118,107.23	759,683.98
Publication Overhead Cost			606,070.21	153,038.55	453,031.66
Sub-Total			3,107,679.10	637,574.00	2,470,105.10
Support to RD&E					
VPRDE Support					
Counterpart to SOXAARRDEC			320,000.00	158,720.00	161,280.00
R & D Display Center			196,000.00	50,980.00	145,020.00
USM Wildlife Rescue Center			192,000.00	40,500.00	151,500.00
Agritourism			50,000.00	2,400.00	47,600.00
Faculty Development Assistance			120,000.00	700.00	119,300.00
Agency In-House Review (RDO)			550,000.00		550,000.00
Publication Incentive (RPSO)			553,205.18	553,205.18	-
USMARD Support			1,642,316.00	198,070.00	1,444,246.00
Sub-Total			3,623,521.18	1,004,575.18	2,618,946.00
VARIOUS PROJECTS/STUDIES					-
RDO PROJECTS					-
1	Design and Development of Online Pre-Registration System for University of Southern Mindanao	Arjay, Agbunag, Nelson Balneg, Ralph Butch Garidan	99,624.00	7%	99,624.00
2	Development and Implementation of Online Application for Graduation and Final Clearance System	Ryan Gonzaga, Alvin Mibalo, Elizabeth Genotiva, Danilyn Flores, Nor Aine Corpuz	153,576.00	21,650.00	131,926.00
3	Needs Assessment, Gap Analysis and Intervention Mapping: Streamlining Nursing Program's Implementation Outcomes	Marriane Meriales, Jza Taposok, Rocelle Jean Yongque, April Jxeel Palalay, Carlo Jason Dela Cruz, Emmalyn Mamaluba	192,000.00		192,000.00
4	Assessment on the Efficiency of Various Physical Exercises as Intervention Tool for Common Health Problems and Estimation of Economic Benefits of the Different Physical Activities, Dietary intakes and Health Conditions of USM Employees: Basis for Program Intervention & Development of Health & Fitness Database Management System	Moreno Java, Jr. Marlene Orfrecio, Urduja Nacar, Helen Grace Lopez, Carlo Jason Dela Cruz, Ryan Gonzaga	180,000.00	3,000.00	177,000.00
5	Research into Practice: Practical Applications of English for Specific Purposes (ESP) in the Workplace	Glyn Magbanua, Anamarie Uyangurin, Lawrence Anthony Dollente	180,000.00		180,000.00
6	Organic Based Interventions for selected Crops and Sheep Nutrition	Lorelyn Joy Turnos, Mark Al-Jamie Muttulani, Basser Mamalac, Tamie Solpot, Josephine Migalbin	320,000.00	71,529.00	248,471.00
7	Development of Rice Topping Product - "Kagikit" - from Chicken Meat	Julius Jerome Ele, Elma Sepelagio, Jalaloden Marohom	320,000.00	37,250.00	282,750.00
8	Assessment of Wildlife Encounters, Rescue and Trading in Protected Biodiversity Landscapes of North Cotabato	Florence Roy Salvaña	171,704.00	44,475.00	127,229.00
9	USM Education 4.0: Building Adaptive Higher Education through Technology in the New Normal	Elsa Gonzaga, Kharlo Subrio, Eugene Ranjo, Maria Luz Calibayan, Hazel Ann Soriano, Abubakar Murray	170,000.00		170,000.00
10	Exploring Indigenous Narratives from the South: the Pe'ngang and the Role of Datu in the Conflict Resolution among the Obo Manobo	Rowell Nitafan, Aljory Jhon Boje, Roselyn Clemen	170,000.00		170,000.00
11	Intersectionalizing K-12 Graduates Competencies: A Baseline for Tertiary Instruction, and Materials Development	Jacinta Pueyo, Kevin Ray Abesamis, Karizza Jane Pejaner, Jemima Atok	200,000.00	1,250.00	198,750.00
12	Integrating Gender and Development (GAD) Concepts Across Mandated Language, and Social Science Courses	April Rose Butalid, Elangbai Balawag, Estella Barbosa	128,000.00		128,000.00
13	Organizational Interventions on Halal Certification Systems towards product Internationalization	Abubakar Murray	235,000.00	6,340.00	228,660.00
14	Development of e-LET Intervention Program for Professional Education	Dyane Rhea Bana-ay, Jean Millare, Ellen Joy Faralla	134,000.00	-	134,000.00
	Sub-Total		2,653,904.00	185,494.00	2,468,410.00

PROGRAM/ACTIVITY/PROJECT		RESEARCHERS	ALLOTMENT	OBLIGATIONS	BALANCES
USMARC PROJECTS					
15	Use of Triple Crop System in Enhancing Resource use Efficiency and Crop Productivity in Corn	Basser, Mamalac, Efren Magulama, Nenita Olero	140,000.00	35,209.00	104,791.00
16	Potential Use of BCA, Bio-Stimulants and Water Management on Diseases of Dragon Fruit	Jasmin Pecho, Tito Jun Tidula	149,000.00	38,648.00	110,352.00
17	Development of Commercial Grade Organic Planting media using Biochar as the man raw materials	Rezin Cabantug, Tito Jun Tidula	120,000.00	33,264.00	86,736.00
18	Traits Enhancement of USM Varieties and Family Selections with Herbicide & Corn Borer Resistance	Efren Magulama, Jessie Elarde, Ferdinand Duldulao, Mary Grace Balbuena	120,000.00	42,158.00	77,842.00
19	Cultural Management of Stingless Bees for Sustainable Honey Production	Migalbin, Neil Pep Dave Sumaya, Francisco Gil Garcia	272,175.72	13,305.00	258,870.72
20	Establishment and Conservation of Indigenous Tropical Fruit Crops in the University of Southern Mindanao	Nenita Olero, Jessie Elarde, Rezin Cabantug, Nancy Duque	137,520.00	5,040.00	132,480.00
21	Technology Development for Corn Silage Production and Utilization	Jessie Elarde, Nenita Olero, Geoffray Atok, Jurhamid Imlan, Mary Ann Rama	200,100.00	66,400.36	133,699.64
	Sub-Total		1,138,795.72	234,024.36	904,771.36
PICRI PROJECTS					
22	Nutrient Retention during Commercial Production of HVC-USM Food Products	Frederick Navarro	145,400.00	45,000.00	100,400.00
23	Establishment of Mango and Banana Germplasm for Conservation, Characterization and Utilization	Sheena Lucena, Edward Barlaan	230,000.00	72,000.00	158,000.00
24	Perpetuation, Production and Product Development of Red Ginger (Zingiber Officinatum Rob. Var Rubra), Black Turmeric (Curcuma Caesia) and Makabuhay (Tinospora Rumphii Boerl) as promising raw materials for product development	Abubakar Murray, Rezin Cabantug, Frederick John Navarro	300,000.00	18,950.00	281,050.00
	Sub-Total		675,400.00	135,950.00	539,450.00
EXTENTION PROJECTS					
25	Various Projects under Extension Services Office		280,000.00		280,000.00
26	Bio-Nihan para sa Kalikasan: Promoting Holistic Biodiversity Conservation Through Community Partnership	Cherie Mangaoang	70,000.00	6,880.00	63,120.00
27	Polyeto ng mga Patnubay pasra maiwasan ang pagkalat ng Covid 19		50,000.00	-	50,000.00
	Sub-Total		400,000.00	6,880.00	393,120.00
GAD PROJECT					
28	USM Gender -Responsive Extension and Community Engagement		254,700.00		254,700.00
	Sub-Total		254,700.00		254,700.00
	GRAND TOTAL		11,854,000.00	2,204,497.54	9,649,502.46

Prepared by:


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Budgetary Allocation
MAINTENANCE AND OTHER OPERATING EXPENSES

Research Services

FY 2021

Fund 101

October 23, 2020

		RESEARCHERS	ALLOTMENT
Distributions:			
	USMARC Overhead Cost		2,472,660.52
	VPIDE Overhead Cost		1,910,948.67
	RDO Overhead Cost		1,527,791.22
	Publication Overhead Cost		1,159,275.39
	Sub-Total		7,070,696.80
VARIOUS PROJECTS/STUDIES			
1	Enhancing R&D Indexing System (RDEIS) of USM: Design, Development and Evaluation	Melecio A. Condeiro, Jr./Ryan Z. Gonzaga/Eugene G. Ranijo	100,000.00
2	Design and Development of USMCEE Online Registration	Arjay S. Agbunag, Jr./Alvin C. Mballo/Clarence Dave Galas	100,000.00
3	Commercialization of Chayote (SAYOTE) Products	Jenny B. Mamacus/Emilie S. Esteloso/Janice E. Reyes/Jo Ann D. Santos/April Geraldine M. Quirionero/Ramil B. Punugganan	225,000.00
4	Productivity of crossbred Goats & Sheep fed with three varieties of Brachiaria grass	Josephine R. Migalbin/Roy C. Ricabar	200,000.00
5	Development of Low Cost Tiling Machine	Joel V. Misanes	144,000.00
6	Development of On-Line Educational Contextualized Instructional Materials Supplementing IP Quality of Education	Arrme Rose L. Blorito	150,000.00
7	Development of Innovative Approaches for Clonal Propagation of Industrial and Fruit Crops	Sheena B. Lucena/Ferdinand A. Duldulao	206,000.00
8	Development, Standardization and Packaging of Nutri-Foods for Emergencies	Basoy, JD/Cabornida, JM/Piamonte, MN/Nacar, UM/Moscosa, L	225,000.00
9	Standardization Protocol for the Development of USM Food Products	Harem, Roca/Bryan Lloyd P. Bvelaha/Frederick John B. Navarro	470,000.00
10	Comparative Analysis of the Biochar Derived from Rice Straw, Rice Husk, Corn Stalks, Corn Cobs and Oil Palm empty fruit bunch on Soil Water Retention Capacity and Development and Growth of Pechay (Brassica rapa subsp. Chinensis)	Tito Jun T. Tudula/Rezin G. Cabanlung	176,300.00
11	Development and Evaluation of Automated System for Profiling of Student Organization in the University of Southern Mindanao	Paul John B. Ongcoy/Ywonne V. Salting/Ryan Z. Gonzaga/April Geraldine M. Quirionero	100,000.00
12	Digitalization of USM Faculty Workload	Soriano, Hazel Ann S/Ryan Z. Gonzaga/Arjay Agbunag	100,000.00
13	Development of Rapid Technique for Analysis of Adulterated Wholesome Food Products: A Combination of Spectroscopy and Chemometrics for Halal Food Analysis	Frederick John B. Navarro	225,000.00
14	Diversifying the Utilization of Corn as Food and Silage for Food Security	Eileen E. Magulawa	335,800.00
15	Etiological Studies and Integrated Disease Management of Major Diseases of Dragon Fruit (2021)	Jasmin A. Pecho/Arniel A. Baladjay/Samsudin S. Panday	175,000.00
16	Development and Evaluation of an Instructional Materials for the IMEAS student	Saima M. Andil	100,000.00
17	Collection, Propagation, Evaluation & Maintenance	Nancy E. Duque	200,000.00
18	Educational Innovation in Rural & Remote Communities: A Multi-dimensional Approach	Leorence C. Tandog/Debbie Marie B. Verzosa/Ermer M. Estiliso/Shandra C. Gonsang/Mitzi Aileen M. Alba/Joy Gloria Sabutan/Astroff M. Alcala	191,904.00
19	CAS-Teacher Naray: Mother of Today, Teachers of Tomorrow	Glyn G. Magbanua	100,000.00
20	Sustainable Human Development & Resiliency Framework for the COVID 19 Pandemic - affected Communities in North Cotabato Province	Ma Dely P. Esberto	100,000.00

		RESEARCHERS	ALLOTMENT
21	Maguindanaon Food Products and Delicacies: Standardization and Promotion for Commercialization	Francisco Gil N. Garcia/E. Gunsayan/R. Gacus/G. Quinonero/M. Musaf/L. Silvano	225,000.00
22	Development and Utilization of Learning Materials for Animal Health Workers	Elizabeth Molina	100,000.00
23	My Parents, My Teachers: Continuing Education Amidst COVID 19 Pandemic	Marcos F. Monderin	100,000.00
24	Integrated Video and Audio Learning Services for Enhanced Education (I SEE Project)	JM Bangoy/AA Baladjay/GKP Manero/JA Pecho/AG Dalo/JF Gesulga/MR Tan	593,100.00
25	CASAMA (Comprehensive Assistance and Services for Authentic and Meaningful Action) Amidst COVID 19 in Math using virtual Learning for COVID 19	Sedra A. Murray	100,000.00
	Sub-Total		4,783,104.00
GRAND TOTAL			11,854,000.00
TOTAL ALLOTMENT/BUDGET			11,854,000.00
			-

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Report of Budget Utilization & Balances
MAINTENANCE AND OTHER OPERATING EXPENSES

Research Services
As of December 29, 2020
FY 2020
Fund 101

December 29, 2020

			ALLOTMENT	OBLIGATIONS	BALANCES
Distribution:					
USMARC Overhead Cost			2,591,440.73	2,260,798.57	330,642.16
VPRDE Overhead Cost			2,090,292.01	1,791,384.68	298,907.33
RDO Overhead Cost			1,595,227.95	1,458,136.76	137,091.19
Publication Overhead Cost			1,206,785.81	1,004,347.21	202,438.60
					-
Sub-Total			7,483,746.50	6,514,667.22	969,079.28
VARIOUS PROJECTS/STUDIES					
Gender and Development (GAD)					-
1	Concretization of GAD Initiatives in USM	Jacinta Pueyo/Marlyn Resurrection	181,052.00	140,877.72	40,174.28
	Sub-Total		181,052.00	140,877.72	40,174.28
Research and Development (RDO)					
2	Development and Validation of Teaching Guide in Earth Science Using 7E's Lesson Approach and Lesson Study Model	Hazel Ann Soriano/Faith Buned/Jay Regulacion/ Kautin Kulano	135,789.00	130,872.50	4,916.50
3	Predictors of Success and Failure of Test takers in the Licensure examination: Basis for the Development and Assessment of Intervention Programs in improving Passing Rate	Ronel Narimgahon/Donnie Tulud/Mirasol Verona	226,315.00	50,355.47	175,959.53
4	Literaturang Pambayan ng mga Magindanaon Bilang Kagamitang Pampagtuturo para sa MTB-MLE (Mother Tongue Based-Multilingual Education)	Maria Luz Calibayan/Sandra Gonzang/Nelia Du/Winnie Aquino	135,789.00	91,452.42	44,336.58
5	Electronic Waste Management Assessment and Development of Intervention	Maricel Dayaday/Fredelino Galleto, Jr.	181,052.00	141,449.10	39,602.90
6	Instructional Material Development: Input to GE Course on Peace and Development	Amme Rose Blonto/Radij Macatabon	135,000.00	122,036.00	12,964.00
7	Product Development, Packaging and Branding of Smoked Native Catgist (Clarias Macrocephalus) as TINAHITO	Pia Amabelle Flores/Jalaloden Marohom	158,420.50	88,357.50	70,063.00
8	Assessment on the Alignment of USM Student and Faculty Reseaches Based on University Research Themes	Francico gil Garcia/Paul John Ongcoy	90,526.00	90,156.65	369.35
9	Design, Fabrication and Testing of Dehumidified Air Dryer	Alven Delson	181,052.00	99,751.65	81,300.35
10	Evaluation of Larvicidal and Ovicidal Activities of Marigold in Mosquitos	Sedra Murray/Elma Sepelagio	90,526.00	20,172.55	70,353.45
11	Rehabilitation of High Value Crop Commodities for Research and Production	Edward Barlaan/Sheena Lucena	125,000.00	82,000.00	43,000.00
12	Teaching and Learning Enhancement on selected General Education (GE) Courses through Outcomes-Based Education OBE)	Abubakar Murray/Kharlo Subrio	135,789.00	62,612.89	73,176.11
13	Meliponiculture: Honey Production from Stingless Bees Cultured in different Agricultural Ecosystem	Josephine Migalbin/Francisco Gil Garcia	225,000.00	93,307.96	131,692.04
14	Utilization Assessment on Modified Solar Photovolyaic Lighting System in IP Communities	Jowena g. Belocura/Jimmy D. Rama	67,894.00	18,330.23	49,563.77
15	Development and Product Evaluation of Adial Butter Spread and Sayote Leaf Tea	Emilie Estelloso/J. Mamacus/J. Reynes/AG Quinonero/Santos	181,052.00	21,471.17	159,580.83

			ALLOTMENT	OBLIGATIONS	BALANCES
	Sub-Total		2,069,204.50	1,112,326.09	956,878.41
USMARC					
16	Corn R & D Program: Harnessing Potential of Non-Conventional Hybrids and Other Special Types in Improving Corn Productivity	Efren E. Magulama/Nenita Olero/Jasmin Pecho/Antonio Pasig	395,752.00	370,276.00	25,476.00
17	Enhancing Productivity of Lansium (Longkong) through Interactive Effects of Fertilization, PGR, Irrigation and Fruit Thinning Techniques	Nenita E. Olero/Antonio P. Pasig/Ferdinand A. Duldulao	228,085.00	175,047.97	53,037.03
18	Nanofertilization to Enhance Productivity of High Value Vegetables and Legumes	Nancy E. Duque	181,052.00	162,371.30	18,680.70
	Sub-Total		804,889.00	707,695.27	97,193.73
PICRI					
19	Germplasm Collection, Preservation and Perpetuation of Philippine Indigenous Plants with Food and Medicinal Values	Rezin Cabantug/Samsudin Panday	339,848.00	237,732.03	102,115.97
20	Comparative Performance of Native and Hainan Varieties of Black Pepper Using Different Trellis and Type of Planting Materials	Sheena Lucena /Nancy Duque	135,789.00	135,789.00	-
21	Agri-Farm Tourism Development for Herbs, Spice: and Medicinal Plants	Rhodora Manceras	135,789.00	110,150.40	25,638.60
	Sub-Total		611,426.00	483,671.43	127,754.57
OTHERS					
22	Integrated Community Extension Project (ICEP) in North Cotabato	Janice Bangoy	362,104.00	292,535.65	69,568.35
23	Health, Environment and Agricultural Livelihood Skills (HEALS)	Analyn A. Gonzales	271,578.00	245,071.99	26,506.01
	Sub-Total		633,682.00	537,607.64	96,074.36
GRAND TOTAL			11,784,000.00	9,496,845.37	2,287,154.63

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Note:

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